

BOROUGH OF KIDDERMINSTER.



REPORTS

ON THE

Health of the Borough

BY THE

Medical Officer of Health


AND

Sanitary Inspector.

—❧— **1914** —❧—

Kidderminster :

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HEALTH COMMITTEE.

Kidderminster Corporation.

Chairman :

Councillor W. CHADWICK.

Vice-Chairman :

Councillor J. BOYLE, J.P.

THE MAYOR

(Councillor R. S. BRINTON), EX-OFFICIO.

THE DEPUTY MAYOR

(Alderman MICHAEL TOMKINSON, D.L., J.P.) EX-OFFICIO.

Alderman CLEMENT DALLEY, J.P.

„ J. RAY, J.P.

Councillor W. COOKE,

„ A. DANBY,

„ W. E. EVANS,

„ W. T. PEARSE,

„ F. TANDY,

„ W. H. TAYLOR,

„ M. WAITE,

„ J. WRIGHT.

Medical Officer of Health :

W. H. MOORE, M.R.C.S., L.R.C.P., Lond.

Public Analyst :

E. W. T. JONES, F.I.C.

Sanitary Inspector :

J. T. COWDEROY, M.S.I.A.

Assistant Inspector :

H. J. PARKER, A. R. San. I.

Summary of Statistics for 1914.

Area of District, in acres	...	...	2,504
Population at Census, 1911	...	...	27,554
Estimated Population, 1914	...	...	27,700
Density of Population per acre	...	...	11·06
Number of Inhabited Houses, estimated		...	6,400
Number of Persons per house	...	...	4·32
Rateable Value	...	...	£107,943
Assessable Value	...	...	£89,095
Production of Penny Rate	...	...	£340
Present Poor Rate, 5/8 in the £ per annum.			
Present General District Rate, 3/10 in the £ per annum.			
Outstanding Debt	{ District Fund, £82,992. Education Committee, £5,948.		
Number of Marriages	...	...	256
Number of Births Registered	...	..	634
Nett Birth Rate	...	...	22·77
Number of Illegitimate Births	...	...	35
Number of Deaths Registered in the Borough		...	419
Nett Standardized Death Rate	...	...	13·60
Number of Deaths under 1 year of age	...	...	55
Infantile Mortality per 1,000 Births	...	...	87·16
Zymotic Death Rate (including Pulmonary Tuberculosis)			1·55
Death Rate from all forms of Tuberculosis		...	1·08
Number of Deaths from Cancer	...	...	39
Total Deaths from Diarrhoea	...	...	15
Rainfall for 1914	...		24·06 inches

Annual Report

FOR THE YEAR 1914.



TOWN HALL,

February 22nd, 1915.

To the Chairman and Members of the Health Committee.

GENTLEMEN,

I beg to present to you my Third Annual Report upon the Health and Sanitary conditions of the Borough.

Social Conditions of the Borough.

The following figures will be of interest :

Acreage of Borough	...	2504 acres
Population at Census, 1911		27544
Estimated Population, 1914		27700
Density of Population	...	11·06 per acre
Inhabitated Houses	...	6400 estimated

Subsoil.

The town is situated in a hollow, the subsoil is formed by beds of the new red sandstone series, partly a soft sandstone rock, partly loose incoherent gravel.

In the bottom of the valley near the river there is a bed of superficial clay.

The Bull Ring is the lowest part of the Town, being 110 feet above sea level. Lea Bank Avenue is the highest, being 265 feet above sea level.

Industries.

The chief industry is the manufacture of carpets. There are over forty factories and workshops in the Borough carrying on the trades of Carpet Manufacturers, Worsted and Yarn Spinners, Iron and Brass Founders, Millers, Brewers, Tanners, Chemical, Dry Soap and Oil Manufacturers.

Trade.

During the year 1914 the staple trade of Kidderminster has been very much interfered with by the War. Unfortunately, Kidderminster Carpets are of very little use in the muddy trenches of Flanders.

The distress, however, has been well met by the energetic efforts of the Committee of the Kidderminster Relief Fund, administered in co-operation with the Prince of Wales' Fund.

Total amount subscribed to Dec. 31st, 1914 ...	£5,887 12s. 1d.
Total amount of relief ending Dec. 31st, 1914...	£888 7s. 3½d.
Average amount of relief per week ...	£52 5s. 1½d.
Average number relieved per week ...	66 cases.

Billeting.

The billeting by the military authorities of about 1,000 soldiers in the town, has been of great advantage to many small householders and shopkeepers, representing a turnover of about £1,000 per week.

Acting in accordance with a circular issued by the Local Government Board, the services of your Medical Officer of Health and Sanitary Inspector were placed at the disposal of the military authorities when desired.

The Medical Officer in charge of the troops, Dr. Landon, has been notified at once of all cases of infectious disease occurring in the Borough.

No case of Zymotic Disease was notified to us as having occurred amongst the troops billeted in the Borough.

Poor Law Relief.

The amount of Outdoor Poor Law Relief for the year has been £1598 15s. 5d.

The number of cases receiving the above being 347, representing a total of 633 persons.

The corresponding amount for 1913 was £1655 16s. 0d.

Old Age Pensions.

One-hundred-and-two claims were allowed during the year.

Public Institutions.

Kidderminster Infirmary and Children's Hospital.

This Institution is supported by voluntary contributions.

In-patients admitted during the year :

Adults	...	621	{	305 belonging to Kidderminster.
			{	316 „ to the Country.
Children	...	224	{	131 belonging to Kidderminster.
			{	93 „ to the Country.

Out-Patients admitted during the year :

	881	{	594 belonging to Kidderminster.
		{	287 „ to the Country.

Anæsthetics administered, 684.

There were 1,003 teeth extracted under Anæsthetics.

The income during the year has been £3023 10s. 4d.

The expenditure „ „ £3639 12s. 0d.

Showing a deficit on the year's working of £616 1s. 8d.

The Borough Infectious Hospital.

For the admission of Scarlet Fever and Small Pox.

The Hospital is the property of your Council, and is situated near the Stourport Road, about $1\frac{1}{2}$ miles from the centre of the Borough.

The Scarlet Fever Hospital consists of three corrugated iron pavilions, containing eight wards for thirty-eight beds, with bath rooms and water closets to each ward.

There is a discharging ward, containing four rooms, viz. : unrobing, bath, dressing and waiting rooms.

There is an administrative block, laundry, mortuary, disinfecting chamber, and lodge for man and wife.

For the present your Committee have decided to continue the old system of heating.

The Small Pox Pavilion is situated about 170 yards away from the Scarlet Fever Pavilions, and is enclosed with a corrugated iron fence.

The Pavilion contains two wards, six beds to each ward, nurses' bed-sitting room, kitchen, scullery, larder, out-offices, laundry, ambulance house, mortuary, and a wooden building for the use of the staff.

This is a good building, standing high up. In my opinion it would make an excellent Sanatorium for tubercular patients.

Special arrangements are made for admitting patients from the following districts :—

Rural District of Kidderminster.

Martley Rural District.

Stourport Urban District.

Bewdley Borough.

Admissions during the year : 44 cases of Scarlet Fever from the Borough. No cases have been admitted from the outside districts during 1914.

Temporary arrangements have been made with the War Office to admit eight cases of Typhoid Fever if necessary.

Workhouse.

The Workhouse for the Borough and surrounding parishes is situated in Sutton Road.

The inmates on December 31st, 1914, were :—Sick, 132 ; children, 55 ; others, 106 ; being a total of ... 293.

Inmates on December 31st, 1913 ... 315.

There is a special ward for phthisical patients.

Tuberculosis Dispensary.

Situate at 19, Lion Street, Kidderminster.

Dr. H. J. Keane, the assistant Tuberculosis Officer attends every Tuesday at 4 p.m.

The average number of patients attending was 16.

Nursing Institution.

Established on a civic basis and supported by voluntary contributions for the purpose of supplying the sick poor with Queen's Nurses.

I should like again to emphasise the good work done by these nurses. It is wonderful how they transform a dull comfortless sick room into one that is bright and cheerful, and by their assistance and advice to the household, enable full advantage to be taken of the instructions of the medical practitioner in attendance ; so not only reduce mortality, but shorten the period of sickness in those who recover.

The number of visits paid during the year 1914 has been 11,464.

School Clinic.

The School Clinic now established in Prospect Lane is of great benefit to the children.

The attendance of the Nurse to their minor ailments and cleanliness, combined with a good supply of food by the Education Committee (to the poorer class of children) adds immensely to their comfort, brightness and happiness, and will have an appreciable effect when they grow up to adult life.

Details of work may be seen in the School Nurse's report, page 43.

Mother's Welcome.

In the month of October a Mother's Welcome was established on a voluntary basis at No. 27, Church Street, Kidderminster, the object being to give advice and help to expectant mothers.

In conjunction with this work a "Child Consultation" was commenced, arrangements being made whereby the mothers could take their children, between the age of infancy and school age to see the Nurse, who gives advice as to feeding, etc., a record being kept of the general condition and weight of the children.

The Committee have appointed an Honorary Medical Officer, who is consulted in cases where the Nurse deems it advisable.

For the above work the Kidderminster Nursing Association have kindly lent the services of Nurse Dickenson for the time being.

Mothers may take their children to the Welcome any Thursday between the hours of 2.30 p.m. and 4 p.m.

Free dinners have been supplied to 59 mothers, making a total of 1,667 dinners given.

So far 17 mothers have attended the weekly child consultations, making a total of 44 attendances.

Two hundred and sixty-six pints of milk have been supplied for children.

Nurse Dickenson remarks that :

"In all cases where milk was allowed the babies
 "showed wonderful improvement and gained in weight
 "regularly, which shows that they do not get cow's milk
 "continuously. Either the mothers cannot afford it, or
 "do not think it necessary, until they receive a free supply
 "of milk, and see the result each week when the baby is
 "weighed at the 'Child Consultations.' "

I hope your Committee will proceed to formulate a scheme to carry on this work, following the lines as suggested by the Local Government Board, who have offered to bear a proportion of the cost of the scheme.

It will be necessary for the Health Committee to make strenuous endeavours to make good the wastage of life on the Continent (not shown in our vital statistics). That more skilled attention and advice to expectant mothers is necessary is proved by your Infantile Mortality, which, although very much improved on previous years, shows that 23 deaths under one month (in addition to 30 still births) occurred from causes all of which would be considerably influenced by the condition of the expectant mother before the child was born.

Health Missioner.

For the past year your Committee have had the part time services of Nurse Dickenson, who has performed her duties as Health Missioner with tact and intelligent interest.

The question of reappointing the nurse will come up for consideration early in the year. It will then be necessary for your Committee to consider the advisability of appointing a whole-time nurse in view of the increased duties.

A copy of Nurse Dickenson's report will be found on p. 41.

Charities.

Guild of Help.

During the last six months of the year the energy of the Committee of this charity has been directed to the assistance of the Kidderminster Relief Fund.

Witnell's Alms and Clare's Charity.

This combined charity finds shelter for eight old people in the almshouses, and also gives them a weekly allowance.

The gross income of the charity is £272 per annum.

Bank's Charity.

This consists of six almshouses situated in Broad Street, and accommodates twelve old people.

Parks.

There is a Public Park in the Borough known as Brinton Park, which contains thirty acres. There is a bowling green, and facilities are afforded for games for children.

A small portion is reserved for model gardens, which are cultivated by children living in the Borough.

The Park is well kept, and continues to attract large numbers of the public during the summer months.

Open Spaces.

No addition has been made to the open spaces used as playgrounds for children. We have now two in the Borough.

Retail Market.

This market is large, efficiently lighted and well ventilated.

Cattle Market.

The Cattle Market is one of the largest in the Midlands, and is well patronised by farmers and dealers. More covered accommodation is still necessary for the animals.

Mortuary.

We have a Public Mortuary situated in the Cemetery. A more up-to-date building, conveniently placed, would be of greater service to the town.

Meteorological Observatory.

There is a meteorological observatory situated at the Brinton Park, the observations being taken each morning at 9.

The total rainfall for the year has been 24·06 inches.

The total rainfall for the year 1913 was 26·98 inches.

For details see pages 65 and 66 of the Inspector's Report.

VITAL STATISTICS.

Marriages.

The number of marriages which took place in the Borough during the year 1914 was	...	256
Equal to a rate per 1,000 of the population of	...	9·24
The number for the year 1913 was	...	294
Equal to a rate per 1,000 of the population	...	10·61

Births.

The number of births registered in the Borough for the year was	335 males 299 females	being a total of	...	634
An increase on the year 1913 of	...			36
Three of these (all illegitimate) were transferred by the Registrar General to other districts, making a nett total of	...			631
Nett rate per 1,000 of the population for year 1914				22·77
Nett rate per 1,000 of the population for England and Wales	...			23·6
Illegitimate births registered during the year—				
17 males				
18 females		being a total of	...	35
Illegitimate births registered in 1913 was	...			24
The rate per 100 births registered for 1914	...			5·52
The rate per 100 births registered for 1913	...			4·01
Eight of these births occurred in the Workhouse.				
The occupation of the mothers was as follows :—				
Domestic Servants	...			11
Mill Hands	...			22
Other Workers	...			2

The number of Still Births occurring in the Borough was 30. The number returned by the Superintendent as being interred in the Cemetery was 20.

Deaths.

The number of deaths registered during the year
 was 212 males being a total of ... 419
 207 females

Equal to a rate per 1,000 of the population of ... 15·12

Thirteen residents of the Borough having died in other districts, have been notified to us by the Registrar General, and have been included in our tables.

Forty-three deaths of non-residents have occurred in the Borough. These have been transferred to other districts.

Total number of deaths of residents during the year 389

Total number of deaths of residents in 1913 ... 358

Nett death rate for residents in the Borough of Kidderminster per 1,000 of the population during 1914 **14·04**

Nett standardized death rate per 1,000 of the population ... **13·60**

Nett standardized death rate per 1,000 of the population for England and Wales ... 13·60

Nett death rate per 1,000 of the population for the Borough for 1913 ... 12·92

Deaths in the Workhouse, 59—Residents, 48 ; Non-residents, 11.

Deaths in the Infirmary, 54—Residents, 26 ; Non-residents, 28.

The ages at which the deaths have taken place during the year are as follows :

Under 1 year	...	56
Between 1 and 2 years	...	9
Between 2 and 5 years	...	14
Between 5 and 15 years	...	16
Between 15 and 25 years	...	14
Between 25 and 45 years	...	46
Between 45 and 65 years	...	97
Between 65 and upwards	...	167

419

Number of Births, 1914 ... 631

Number of Deaths, 1914 ... 389

Nett increase in the population for 1914 ... 242

Nett increase for 1913 ... 236

INFANTILE MORTALITY.

The number of children under one year of age that have died during 1914 has been 55, which is equal to a death rate per 1,000 births of 86·75.

For the year 1913 it was 72, equivalent to 120·40.

The average rate for the past ten years has been 137·54.

The following Table shows the ages at which the deaths of the infants under 1 year occurred :

Under 1 Week	1-2 Weeks	2-3 Weeks	3-4 Weeks	Total Under 1 Month	1-3 Months	3-6 Months	6-9 Months	9-12 Months	Total Deaths Under 1 Year
19	3	7	1	30	7	9	4	5	55

Premature Birth, Malformation and Congenital Debility.

Twenty-six deaths are included under this heading, as compared with 20 for 1913, showing an increase of 6.

The occupation of the mothers of children dying from this cause was : in 5 cases, factory work, and in 21 cases housewives.

The large number of deaths under this heading, and the fact that there were 30 still-born children, shows that a Health Missioner, who could give a large portion of her time to ante-natal advice, together with a supply of good nourishment, would undoubtedly help to save this great waste of life.

Diarrhœa and Enteritis.

Twelve deaths of infants under one year of age have taken place during the year, against 23 for 1913.

The months in which the deaths occurred are as follows : January, 1 ; February, 1 ; March, 1 ; April, 1 ; August, 4 ; September, 2 ; October, 1 ; December, 1 :

The improvement is very satisfactory in the death rate from this cause, partly accounted for by the fact that we did not have such a long spell of hot dry weather in the months of July and August ; the plague of flies was not so great, and, therefore there was less chance of food infection from decomposed heaps of manure.

The Health Missioner gave advice and distributed literature on food infection during the year.

Bronchitis and Pneumonia.

Seven deaths under this heading occurred during the year, against 10 deaths for 1913.

Inquests held during 1914.

1.	NATURAL CAUSES	...	...	9
2.	ACCIDENTS.	Injury to private parts	...	1
		Shock from Burns	...	1
		Falls	...	6
		Drowning	...	2
		Fall from a Bicycle	...	1
		Gun-shot Wound	...	1
		Knocked down by a Motor Car	...	1
		Dose of Opium inadvertently administered		1
		Shuttle flew out of a Loom	...	1
3.	OTHERS.	Suicide during Temporary Insanity	...	4
				<u>28</u>

ZYMOTIC DISEASES.

The Deaths from the principal Zymotic Diseases, including Pulmonary Tuberculosis, during the year have been 43, equal to a rate of 1·55 per 1000. Below is a table showing the number of deaths during the past ten years :

DISEASES	1914	1913	1912	1911	1910	1909	1908	1907	1906	1905
Small Pox ...	..	...	...	...	...	...	...	...	...	...
Scarlet Fever..	...	...	2	4	1	...	...	...	...	...
Typhoid Fever	...	...	...	...	...	...	1	...	...	2
Measles ...	1	3	2	5	...	36	...	...	1	2
Diphtheria ...	1	...	...	...	...	...	2	1	2	2
Diarrhœa ...	15	32	5	33	7	3	3	9	14	13
Whoop. Cough	...	3	15	...	12	4	3	8	7	8
Pulmonary Tuberculosis	26	27	...	...	...	...	...	...	...	...
Totals ..	43	*65	24	42	20	43	9	18	24	27

*Enlarged Borough, Pulmonary Tuberculosis included for the first time.

The following table gives the number of diseases notified in the year 1914 and in the nine previous years :

DISEASES	Total 1914	Total 1913	Total 1912	Total 1911	Total 1910	Total 1909	Total 1908	Total 1907	Total 1906	Total 1905
Small Pox ...	...	...	...	...	...	...	...	...	...	...
Cholera ...	..	...	...	...	..	...	...	...	...	...
Diphtheria ...	22	7	1	7	8	17	11	8	8	10
Membranous Croup	...	1	...	...	...	...	1	...	1	...
Erysipelas ..	15	15	20	29	29	14	20	31	20	47
Scarlet Fever...	53	33	143	216	116	62	27	15	27	69
Typhus Fever	...	...	...	...	...	...	...	...	...	...
Typhoid Fever	3	..	...	1	...	1	1	5	...	2
Puerperal Fever	1	...	...	1	1	..	...	...	1	1
Ophthalmia Neonatorum	10	3	6	1	...	...	...	...	...	...
Pulmonary Tuberculosis	43	48	43	...	...	...	...	...	...	...
Other Tubercu- lous Diseases	22	26	...	...	...	...	...	...	...	...
Totals ...	169	133*	213	255	154	94	60	59	57	129

*Enlarged Borough.

Small Pox.

No case of this disease has occurred in the Borough since 1904.

Return by the Vaccination Officer for the Kidderminster Vaccination District

(which extends beyond the Borough Boundaries)

Total Births Registered	...	638
Successfully Vaccinated	...	163
Certificate of Insusceptibility	...	1
Number of Exemptions	...	321
Died Unvaccinated	...	41
Postponed by Medical Certificate	...	12
No return to date	...	100

I notice exemption certificates have been obtained for more than one-half of the children. This is to be regretted, as it would be most difficult to check an epidemic of Small Pox amongst unvaccinated people.

Measles.

Thirty cases of Measles came to our knowledge officially, and 1 death ; against 85 cases and 3 deaths for the year 1914.

Whooping Cough.

Whooping Cough was not prevalent during the year: No deaths from this disease occurred, as compared with 3 deaths in 1913.

Scarlet Fever.

We have had 53 notifications of this disease for 1914, and no deaths ; against 33 and no deaths for 1913.

BOROUGH CASES ONLY.

Months	Notifi- cations	Removed to Hospital	Nursed at Home	Deaths in Hospital	Deaths at Home
January ...	8	7	1	...	...
February ...	3	3	...	...	...
March ...	4	4	...	...	...
April ...	6	5	1	...	...
May ...	2	2	...	...	...
June ...	12	10	2	...	...
July ...	7	4	3	...	...
August ...	2	2	...	...	...
September ...	1	1	...	...	...
October ..	6	5	1	...	...
November ...	2	1	1	...	...
December ...	...	...	...	...	...
Totals ...	53	44	9	...	...

Number in Hospital on December 31st, 1913 ... 2

Number of Scarlet Fever Cases admitted from Jan. 1st,
1914, to December 31st, 1914 ... 44

Number of Scarlet Fever Cases (Discharged Cured) ... 45

Number of Deaths ... 0

Average number of days each patient discharged remained
in Hospital ... 51

Remaining in Hospital on December 31st, 1914 ... 1

Of the 44 cases admitted during the year there were:

From the Borough ... 44

No cases were received from any of the other districts.

The great majority of the cases have been of a very mild type. Nine cases out of the total number notified were nursed at home, where the means of isolation proved to be sufficient.

Diphtheria.

There were 22 cases notified, being an increase of 15 on the previous year. Three deaths occurred, as compared with no deaths in 1913.

Cases as a rule were of a very mild type.

The sanitary surrounding of the houses were all good, except two cases at Broadwaters, where owing to the neglect of the tenants, cesspools were overflowing, causing offensive smells.

It is to be hoped that the Drainage and Waterworks Committee will soon be able to extend the main sewer into this district, so that the house drains may be connected and so do away with these insanitary, overflowing cesspools.

In only one case could infection be traced to personal contact, there being another case in the same house.

The three deaths under this head all occurred in the Infirmary, where they were admitted for operation. Two of these were from outside districts, only one being a Borough case.

Death rate of cases belonging to the Borough per			
1000 of the population	...	...	·03

Your Committee supply Diphtheria Antitoxin free of charge to medical men for the treatment of the poorer inhabitants of the Borough.

Ten tubes of Antitoxin have been supplied during the year

Nine swabs were supplied for diagnostic purposes.

Typhus Fever.

No cases.

Typhoid Fever.

Three cases of this disease were notified, and no deaths, during the year.

Only one of these cases was an inhabitant of the Borough. No source of infection could be traced satisfactorily. The patient himself attributed it to eating shell fish five weeks previous.

One case was that of a child of a Belgian refugee; probable source of infection near Ostend.

The other case was that of a wounded soldier; probable source of infection near Ypres.

All the necessary precautions were taken, and no other case of infection occurred.

Ophthalmia Neonatorum.

Ten cases were reported during the year.

Diarrhœa.

Fifteen deaths, for details see page 14.

Puerperal Fever.

One case, and one death, was reported during the year.

The drains were found to be in good condition; no cause for complaint could be found in the sanitary surroundings. The house was disinfected.

Erysipelas.

There were 15 cases notified during the year; one death.

The average number of cases notified during the last ten years is 25.

A large number of the cases of this disease notified are not of a very virulent or infectious type.

The months in which the cases were notified are as follows :
January, 1; March, 1; April, 3; May, 1; June, 1; September, 2; October, 1; November, 3; December, 2.

Anthrax.

Four cases of external anthrax occurred during the year; no deaths.

All cases were treated in the Infirmary. Sclavos Serum was used in each case; in one only was the part excised.

The necessary disinfection was carried out in each house.

Tuberculosis.

Total number of cases notified during the year was

Pulmonary	43	} making a total of	...	...	65
Other Forms	22				

Nine less than last year.

Where practicable, all cases on being notified are visited by the Health Missioner, who obtains all particulars; these are entered in a register.

Printed circulars and advice are given as to the best means of preventing the spread of infection.

The Assistant Tuberculosis Officer makes a report on each case notified.

Deaths from tuberculosis during the year :

Pulmonary	26	} total	...	...	30
Other Forms	4				

Six less than last year.

The ages at which the deaths occurred are as follows :

	Pulmonary.		Other Forms.	
Under 1 year	...	0	...	0
From 1 to 2 years	...	0	...	0
From 2 to 5 years	...	1	...	0
From 5 to 15 years	...	1	...	4
From 15 to 25 years	...	6	...	0
From 25 to 45 years	...	13	...	0
From 45 to 65 years	..	5	...	0
From 65 years and upwards	...	0	...	0
		<hr/> 26		<hr/> 4

The following table shows chief occupations of the deceased persons :

Domestics	...	...	5
Labourers	...	...	3
Mill Hands	...	...	7
Weavers	...	...	3
Children	...	...	5
Various other Occupations	...	...	7
			<hr/> 30

The names of contacts in the case of school children are forwarded to the School Medical Officer.

Much has been done in late years for combating tuberculosis, but much remains to be done in providing housing accommodation for families in which the resistance to tuberculosis germs is very slight. They require more air space than can be acquired at a rental that they can afford.

The benefit a patient may derive from residing in a Sanatorium, is quickly neutralized when he returns home to live in a small house (possibly in a court) and obtain nourishment for himself and family on a wage of £1 per week.

During the year 18 bottles were supplied to medical men to send sputum for bacteriological examination.

CANCER.

During the year we have had 39 deaths from this disease ; 10 more than 1913. Under this heading are included all forms of malignant disease.

The following table shows the various types :

Cancer	...	...	2
Carcinoma	...	...	24
Epithelioma	...	...	3
Malignant Disease	...	...	6
Malignant Growth	...	...	4

The frequency with which the different parts of the body were affected was as follows : Abdomen, 13 ; Breast, 6 ; Jaw, 2 ; Neck, 3 ; Larynx, 2 ; Œsophagus, 5 ; Rectum, 2 ; Uterus, 1 ; Leg, 2 ; Liver, 3.

Occupations of the deceased persons was as follows :

Domestics	...	...	17
Weavers	...	...	4
Carpenters	...	...	2
Gardeners	...	...	2
Labourers	...	...	2
Various other Occupations		...	12

39

I should like to impress on the public mind the fact that firstly cancer is curable, if removed at an early stage.

Secondly, that there is no other remedy but removal. It is nothing short of suicide to depend on quack remedies, recommended by benevolent ministers of religion and lady visitors, who, being honest though mistaken themselves, are inclined to give credit to the various testimonials, in religious papers especially, describing the marvellous efficiency of cancer cures.

Thirdly, do not be deluded by the fact that there is no pain; cancer at an early stage may be unaccompanied by pain. Consult your medical adviser at once on your becoming aware of the presence of a lump of any kind.

Fourthly, cancer is not contagious, but owing to the fact that it is often associated with the formation of matter, and the accompanying germs which give rise to blood poisoning, the health authority will disinfect rooms and the clothing of patients who have died from cancer.

Respiratory Diseases.

Pneumonia	16	} making a total of... 66
Bronchitis	...	...	47
Other Respiratory Diseases	...	...	3

During 1913 the number of deaths from the above causes was 52

Sanitary Circumstances of the District.

Water Supply.

The water supply of the Borough is derived from an Artesian Well 300 feet deep.

During the year a sample of water from the well was sent to the County Analyst. He reports as follows :

“The above sample of water has been subject to a
“Chemical Analysis and to a Bacteriological Examination,
“with the result that there is no evidence of contamination.”
“The water is of good quality and fit for drinking purposes.”

The average number of gallons pumped per day was 1,018,115, being an allowance for each inhabitant of 36 gallons. In addition to being very liberal, the supply has been continuous during the whole of the year.

The river Stour, flowing through the centre of the town, is free from any injurious pollution.

Sewerage Department.

The sewers, although some are slightly deficient in fall, are well ventilated, and with the care bestowed on them by your Borough Surveyor are acting very efficiently.

The sewage, after gravitating to the Pumping Station in New Road, is pumped up to the farm on the Stourport Road.

The Borough Surveyor has kindly supplied me with the following information :

Very careful attention has been given to the flushing and disinfecting of the sewers, especially during the hot and dry weather last Summer. 2,554 cart loads of water, equal to 706,200 gallons being used.

The bed of the River Stour near the Post Office was cleaned out in July last.

From the Detritus Chamber at the Sewage Pumping Station 468 loads of refuse were removed to the Basin, and taken from there to the refuse tip at Oldington by boat at a total cost of £23 15s. 4d.

The number of loads of detritus removed from the man-holes connected with the sewers was 109.

Sewerage of Added Areas.

We have had numerous complaints about the dumbwells in the Broadwaters and Foley Park districts.

The insanitary condition of these districts will be remedied when the drainage scheme now in hand is completed.

Scavenging and Refuse Disposal.

I would refer you to the Inspector's report for details.

The bulk of our household ashes and refuse is deposited on low-lying land at Oldington Farm.

Schools.

The school buildings have been inspected, and have been found in good sanitary condition.

During the year 31 schools were disinfected.

After consulting with the School Medical Officer, the Broadwaters School was closed on January 28th, 1914, for fourteen days, the cause being a mixed infection of Diphtheria, Scarlet Fever and Chicken Pox.

Bakehouses.

There are 49 bakehouses on the register.

We found it necessary, after visiting the bakehouses, to send a circular round reminding the occupiers that the standard of cleanliness required by the health authority was in some cases scarcely attained.

The Sanitary Inspector reports that under the heading of dirty walls and ceilings 22 notices were served to secure compliance with the regulations.

I hope that during the coming year there will be no necessity for serving these notices.

Sale of Food and Drugs Acts.

Fifty-nine samples have been submitted for analysis, 53 were genuine and 6 adulterated.

Milk, 42 samples	...	..	4 adulterated
Butter, 5 samples	...	...	all genuine
Miscellaneous Articles (12 samples)	..	2 adulterated	(2 rum)

Milk.

Two prosecutions, in both cases convictions were obtained. For details see Inspector's report, page 63.

Meat.

The meat supply of the Borough is on the whole very good, but there are still one or two speculative butchers who require careful watching.

It was only necessary in one case to take proceedings. A conviction was obtained, the defence being that the carcase was to be used for fish food.

The system for voluntary surrendering is working very well, with fairness to both the butchers and the public authority.

Unsound Food.

During the year there were 2 seizures and 19 surrenders. For details see page 53 of the Inspector's report.

Inspection of District.

During the year, in conjunction with the Sanitary Inspector, I have inspected several parts of the Borough.

Slaughterhouses.

We have 24 slaughterhouses in the Borough, 12 licensed and 12 registered.

The inspection of these has been very efficiently carried out by the Inspector and his Assistant.

I have personally visited the slaughterhouses and have found them in fair condition.

I would like to endorse the remarks of the magistrates, during the year, as to the necessity of a Public Slaughterhouse from a public health point of view. Your Committee would then be in a better position to deal with some of the old registered slaughterhouses, which are totally unsuitable because of their proximity to dwelling houses and schools.

Housing, Town Planning, Etc., Act, 1909.

The work under this Act is proceeding in a satisfactory manner.

The Inspecting Officer under this Act has inspected 994 houses, particulars of which have been entered up in the register.

Details of the work generally will be found in the Inspector's report, page 55.

During the year we have dealt with 7 houses for Closing Orders; this with 37 Closing Orders uncomplied with at the beginning of the year makes a total of 44. Of these 3 were voluntarily demolished, 35 made fit (many of these were back-to-back houses), and 6 were uncomplied with on Dec. 31st, 1914.

Plans.

The Surveyor reports that the following plans have been passed and approved by the Parks and Buildings Committee :

Dwelling Houses	...	...	27
Additions and Alterations to Houses	...	...	23
Extensions to Foundry	...	...	2
Additions to Laundry	...	...	3
Motor Garages	...	...	7
Motor Garage Extensions	...	...	2
Cow House	...	...	1
Wheelwright's Shop	...	...	1
Workshops	...	...	3
Class Room	...	...	1
Extensions to Carpet Shed	...	...	1
Extension to Club House	...	..	1
Additions and Alterations to Licensed Premises			5
Total			77

Twenty-seven dwelling houses were erected during the year, against 48 for the previous year.

Dirty Houses.

I have certified 145 houses that required cleansing and whitewashing as per Section 46 of the Public Health Act, 1875, and 23 houses under Section 5 of the Infectious Disease (Prevention) Act, 1890.

Total sanitary defects and nuisances dealt with during the year, 3,440.

The housing problem is not at all acute, there being a number of houses void. This is probably due to the establishment of a motor omnibus service to the surrounding villages.

There were 10 cases of overcrowding reported during the year. These were chiefly due to the undesirability of some of the families from a landlord's point of view.

I wish to express my thanks to your Sanitary Inspector and his staff for their generous help and courtesy.

In conclusion, I beg to thank the members of your Committee for their support extended to me in carrying out my duties as Medical Officer of Health for the Borough.

I am, Gentlemen,

Your obedient Servant,

W. HODGSON MOORE.

TABLE I.

29

Vital Statistics of Whole District during 1914 and previous Years.

YEAR	Population estimated to Middle of each Year	BIRTHS			TOTAL DEATHS REGISTERED IN THE DISTRICT		TRANSFERABLE DEATHS †		NETT DEATHS BELONGING TO THE DISTRICT.			
		Uncor-rected Number	Nett		Number	Rate	Of Non-registered in the District †	Of Resi-dents not registered in the District †	Under 1 Year of Age		At all Ages	
			Number †	Rate					Number *	Rate per 1,000 Nett Births †	Number *	Rate
1	2	3	4	5	6	7	8	9	10	11	12	13
1909	24,700		560	22·67	483	19·55	39	2	90	160·71	444	17·97
1910	24,700		503	20·36	389	15·75	54	0	73	145·12	334	13·52
1911	24,400		536	21·96	420	17·21	54	13	80	149·25	379	15·53
1912	24,400	548	545	22·33	348	14·26	46	11	55	100·91	313	12·82
1913	27,700	598	594	21·44	389	14·04	45	14	72	121·20	358	12·92
1914	27,700	634	631	22·77	419	15·12	43	13	55	87·16	389	14·04

TABLE II.

Cases of Infectious Disease notified during the Year 1914.

NOTIFIABLE DISEASE	NUMBER OF CASES NOTIFIED							
	At Ages—Years							
	At all ages	Under 1	1 and under 5 years	5 and under 15 years	15 and under 25 years	25 and under 45 years	45 and under 65 years	65 and upwards
Small Pox ...	...	...	...	...	...	...	...	...
Cholera (C) Plague (P)	...	...	...	...	...	...	...	...
Diphtheria (including Membranous Croup)	22	...	3	13	2	4	...	...
Erysipelas ...	15	...	...	1	1	2	7	4
Scarlet Fever ...	53	1	14	30	7	1	...	...
Typhus Fever ...	...	...	...	...	...	...	...	...
Enteric Fever ...	3	...	1	...	...	2	...	...
Relapsing Fever (R) Continued Fever (C)	...	...	...	...	...	...	...	...
Puerperal Fever ...	1	...	...	...	...	1	...	...
Cerebro-spinal Meningitis...	...	...	...	...	...	...	...	...
Poliomyelitis	...	...	...	...	...	...	...	...
Ophthalmia Neonatorum ...	10	10	...	...	...	...	...	...
Pulmonary Tuberculosis ...	43	...	...	4	13	19	7	...
Other forms of Tuberculosis ...	22	1	...	13	2	4	2	...
Anthrax ...	4	...	...	...	1	2	1	...
Totals	173	12	18	61	26	35	17	4

TABLE III.

Causes of, and Ages at death during the Year 1914.

CAUSES OF DEATH 1	Nett Deaths at the subjoined ages of "Residents" whether occurring within or without the District (a)									Total Deaths whether of "Residents" or "Non Residents" in Institutions in the District (b)
	All Ages	Under 1 Year	1 and under 2	2 and under 5	5 and under 15	15 and under 25	25 and under 45	45 and under 65	65 and upwards	
	2	3	4	5	6	7	8	9	10	11
All causes { Certified (c) ...	387	53	8	13	11	12	39	91	160	113
{ Uncertified ...	2	2	...	..	...	...	...	...	...	...
Enteric Fever ..	...	...	...	...	...	...	...	...	...	...
Small-pox ...	...	...	...	...	...	...	...	...	..	...
Measles ..	1	...	...	1	...	...	..	...	...	1
Scarlet Fever ...	...	...	...	...	...	...	...	...	..	...
Whooping Cough ...	...	...	...	...	...	...	...	...	...	...
Diphtheria and Croup ...	1	...	...	1	...	...	...	..	...	3
Influenza ...	6	..	...	...	...	...	1	2	3	3
Erysipelas ...	1	...	...	...	...	...	...	...	1	...
Phthisis (Pulmonary Tuberculosis)	26	...	...	1	1	6	13	5	...	2
Tuberculous Meningitis ...	2	...	...	...	2	..	..	...	...	...
Other Tuberculous Diseases ...	2	...	...	...	2	...	...	...	...	...
Cancer, Malignant Disease ...	39	...	..	1	...	...	2	23	13	11
Rheumatic Fever ...	...	...	...	...	...	...	...	...	...	...
Meningitis. ...	4	1	2	...	1	...	...	...	...	2
Organic Heart Disease ...	44	...	...	..	1	1	2	17	23	16
Bronchitis ...	46	5	2	...	..	1	...	11	27	9
Pneumonia (all forms) ...	16	2	2	1	...	...	1	5	5	3
Other diseases of respiratory organs	3	...	...	...	...	...	1	...	2	...
Diarrhœa & Enteritis. ...	15	12	...	1	...	...	1	...	1	1
Appendicitis and Typhlitis ...	2	...	...	...	...	...	2	...	...	3
Cirrhosis of Liver ...	3	...	...	...	...	...	...	3	...	1
Alcoholism ...	...	...	...	...	...	...	...	...	...	...
Nephritis and Bright's Disease ...	14	...	...	...	...	1	3	2	8	3
Puerperal Fever ...	1	...	...	...	...	...	1	...	...	...
Other accidents and Diseases of Pregnancy and Parturition ...	3	..	...	...	...	...	3	...	...	2
Congenital Debility and Malfor- mation, including Premature Birth ...	26	26	...	...	...	...	...	..	...	2
Violent Deaths, excluding Suicide	12	1	...	5	1	...	...	1	4	8
Suicide ..	5	...	...	...	...	...	1	4	...	...
Other Defined Diseases ...	117	8	2	2	3	3	8	18	73	43
Diseases ill-defined or unknown ...	...	...	...	..	..	...	...	...	..	...
Totals ...	389	55	8	13	11	12	39	91	160	113
Sub-Entry included in above figures) *Pneumonia ...	8	...	2	...	...	...	1	3	2	2

*Other than Broncho-Pneumonia.

TABLE IV.

Infant Mortality.

1914. Nett Deaths from stated causes at various Ages under One Year of Age.

CAUSES OF DEATH			Under 1 week	1-2 weeks	2-3 weeks	3-4 weeks	Total under 4 weeks	4 weeks and under 3 months	3 months and under 6 months	6 months and under 9 months	9 months and under 12 months	Total Deaths under 1 year	
All Causes {	Certified	...	19	3	7	1	30	5	9	4	5	53	
	Uncertified	...	..	..	..	..	..	2	..	..	..	2
{ Small-pox			...	..	..	..	..	..	..	..	..	..
{ Chicken-pox			...	..	..	..	..	..	..	..	..	..
{ Measles			...	..	..	..	..	..	..	..	..	..
{ Scarlet Fever			...	..	..	..	..	..	..	..	..	..
{ Whooping-Cough			...	..	..	..	..	..	..	..	..	..
{ Diphtheria and Croup			...	..	..	..	..	..	..	..	..	..
{ Erysipelas			...	..	..	..	..	..	..	..	..	..
{ Tuberculous Meningitis			...	..	..	..	..	..	..	..	..	..
{ Abdominal Tuberculosis (b)			...	..	..	..	..	..	..	..	..	..
{ Other Tuberculous Diseases			...	..	..	..	..	..	..	..	..	..
{ Meningitis (not Tuberculous)			...	..	..	..	..	..	1	..	..	1
{ Convulsions			...	1	..	..	1	..	..	..	1	2
{ Laryngitis			...	..	..	..	..	..	..	..	..	..
{ Bronchitis			...	1	..	..	1	2	..	2	..	5
{ Pneumonia (all forms)			...	..	..	..	..	..	2	..	..	2
{ Diarrhoea			...	..	..	2	2	1	4	2	3	12
{ Enteritis			...	..	..	..	..	..	..	..	..	..
{ Gastritis			...	..	..	..	..	2	..	..	..	2
{ Syphilis			...	..	..	..	..	..	..	..	..	..
{ Rickets			...	..	..	..	..	..	..	..	..	..
{ Suffocation, overlying			...	..	..	..	..	..	..	..	..	..
{ Injury at Birth			...	..	..	..	..	..	..	..	..	..
{ Atelectasis			...	1	..	..	1	..	..	..	..	1
{ Congenital Malformation (c)			...	3	..	3	6	1	1	..	..	8
{ Premature Birth			...	12	1	2	15	1	..	..	..	16
{ Atrophy, Debility and Marasmus			...	..	1	1	2	..	..	..	..	2
{ Other causes			...	1	1	..	2	..	1	..	1	4	
Totals			...	19	3	7	1	30	7	9	4	5	55

Nett Births in the year { legitimate 599.
illegitimate 32.

Nett Deaths in the year of { legitimate infants 52.
illegitimate infants 3.

Monthly Returns of Births and Deaths for the Borough of Kidderminster.

As presented to the Health Committee at each Meeting
held every fourth Monday.

BIRTHS					DEATHS				
Month ending	Males	Females	Total	Rate per 1000 of the population	Month ending	Males	Females	Total	Rate per 1000 of the population
1914					1914				
Jan. 26	24	25	49	22·99	Jan. 26	18	22	40	18·77
Feb. 23	23	27	50	23·46	Feb. 23	22	21	43	20·18
Mar. 23	32	18	50	23·46	Mar. 23	16	14	30	14·07
Apl. 20	28	16	44	20·64	Apl. 20	16	17	33	15·48
May 18	29	18	47	22·05	May 18	18	14	32	15·01
June 15	27	22	49	22·99	June 15	16	21	37	17·36
July 13	27	38	65	30·50	July 13	16	9	25	11·73
Sept. 7	55	49	104	24·40	Sept. 7	25	19	44	10·32
Oct. 5	20	17	37	17·36	Oct. 5	15	15	30	14·07
Nov. 10	18	22	40	18·77	Nov. 10	19	15	34	15·95
Nov. 30	27	22	49	22·99	Nov. 30	17	24	41	19·24
Dec. 30	19	26	45	14·75	Dec. 30	15	17	32	15·01
Totals	329	300	629	23·06	Totals	213	208	421	15·19

Street List of Deaths from all Causes.

Locality.	No. of Deaths	Locality.	No. of Deaths
Albert Road	... 3	Lark Hill	... 2
Anchor Fields	... 5	Lea Street	... 2
Arch Hill Square	... 1	Leswell Lane	... 3
Back Queen Street	... 2	Leswell Street	... 2
Batham Street	... 1	Lion Square	... 1
Baxter Avenue	... 5	Lisle Avenue	... 1
Bewdley Road	... 6	Lorne Street	... 1
Birmingham Road	... 3	Manor Avenue	... 1
Blackwell Street	... 5	Mill Lane	... 2
Blakebrook	... 1	Mill Street	... 1
Bridge Street	... 1	Neville Avenue	... 2
Broad Street	... 6	New Road	... 3
Broadwaters	... 2	Northumberland Avenue	... 1
Bromsgrove Street	... 9	Offmore Road	... 4
Brook Street	... 1	Oxford Street	... 4
Brussels Street	... 1	Park Lane	... 2
Canal	... 4	Park Street	... 7
Chapel Street	... 2	Park Wharf	... 1
Cherry Orchard	... 2	Peel Street	... 3
Chester Road	... 6	Pitt's Lane	... 1
Churchfields	... 4	Pleasant Harbour	... 1
Church Walk	... 1	Pleasant Street	... 1
Clarence Street	... 2	Proud Cross	... 5
Claughton Street	... 1	Prospect Hill	... 2
Clensmore Lane	... 1	Puxton Lane	... 1
Clensmore Street	... 10	Queen Street	... 3
Coalfield Row	... 1	Rackfields	... 1
Cobden Street	... 5	Radford Avenue	... 1
Comberton Road	... 3	Reservoir Road	... 1
Cookley Road	... 1	Silver Hill	... 4
Coventry Street	... 4	Silver Street	... 4
Corporation Street	... 2	Sion Hill	... 1
Crane Street	... 2	Shrubbery Street	... 4
Crescent Road	... 1	South Street	... 6
Cross Street	... 1	Spencer Street	... 1
Crowther Street	... 2	Summer Place	... 2
Dixon Street	... 1	Summer Road	... 3
Dudley Street	... 4	Summer View	... 1
Duke Place	... 1	Sutton Park Road	... 1
Duke Street	... 1	Sutton Road	... 9
East Street	... 2	St. George's Terrace	... 1
Fair Street	... 1	St. John's Street	... 1
Farfield Street	... 3	St. Mary's Street	... 2
Findon Street	... 2	Stourbridge Road	... 5
Foley Park	... 2	Stourport Road	... 4
Franché	... 1	Turton Street	... 1
Franché Road	... 2	Vicar Street	... 1
Franchise Street	... 5	Washington Street	... 5
Garrick Place	... 1	Woodfield Crescent	... 2
George Street	... 7	Woodfield Street	... 2
Grosvenor Avenue	... 1	Wood Street	... 10
Habberley Road	... 1	Worcester Street	... 6
Habberley Street	... 1	Yew Tree Road	... 1
Hall Street	... 1	York Street	... 1
Hemming Street	... 3	Workhouse	... 48
Hill Grove Crescent	... 1	Workhouse (non-residents)	... 11
Hoo Road	... 2	Infirmary	... 26
Horsefair	... 1	Infirmary (non-residents)	... 28
Hume Street	... 2		
Hurcott Road	... 15	Total	...419

Street List of Known Cases of Infectious Diseases.

STREETS	Small Pox	Measles	Scarlet Fever	Typhoid Fever	Diphtheria	Membranous Croup	Erysipelas	Puerperal Fever	TOTAL
Back Queen Street					2		2		4
Baxter Avenue ...		1							1
Beauchamp Avenue			2						2
Blackwell Street ...			1						1
Blakebrook ...							1		1
Blount Terrace ...			2						2
Broad Street ...			1						1
Broadwaters ...					1				1
Bromsgrove Street		1							1
Chester Road ...			1						1
Clarence Street ...			1						1
Coalfield Row ...			1						1
Cobden Street ...					1				1
Comberton Hill ...					1				1
Connaught Avenue			4						4
Cookley Road ...			1						1
Fair Street ...		3							3
Franch Road ...		2			1				3
George Street ...					1				1
Habberley Street...		2							2
Hall Street ...		2							2
Hemming Street ...			1						1
Hill Street ...			1						1
Hoo Road ...			1		1				2
Horsefair ...			1		2				3
Hurcott Road ...			1		1				2
Infirmery ...				1	2				3
Jerusalem Walk ...			1						1
Lark Hill ...		1			1		1		3
Lisle Avenue ...			2						2
Lorne Street ...					1				1
<i>Carried forward</i>		12	22	1	15		4		54

Street List of Known Cases of Infectious Diseases—continued

STREETS	Small Pox	Measles	Scarlet Fever	Typhoid Fever	Diphtheria	Membranous Croup	Erysipelas	Puerperal Fever	TOTAL
<i>Brought forward</i>		12	22	1	15		4		54
Marlpool Lane ...		1							1
Mason Road ...		1	1						2
Mill Street ...		2	1	1			1		5
Neville Avenue ...			1				1		2
New Road ...			1				1		2
Northumberland av.			2						2
Offmore Road ...		1					1		2
Orchard Street ...					1				1
Park Lane ...		1	2				1		4
Park Street ...		1	1				1		3
Paternoster Row ...		1							1
Pitt's Street ...			6						6
Pleasant Street ...		1							1
Puxton Lane ...		1							1
Queen Street ...							1		1
Radford Avenue ...			1		2				3
Rackfields ...					1				1
Sion Hill ...			4		1				5
South Street ...			1						1
Summer Road ...			2						2
Sutton Park Road			1						1
Sutton Road ...			3						3
St. John's Street ...		1						1	2
Stourbridge Road...					1		1		2
Stourport Road ...			2	1	1				4
Waterloo Street ...		1							1
Woodfield Street...		2							2
Wood Street ...		4							4
Worcester Street...			1						1
Workhouse ...			1				3		4
TOTALS ...		30	53	3	22		15	1	124

The Summary of Notifications under the Public Health (Tuberculosis) Regulations, 1912, is appended:—

BOROUGH OF KIDDERMINSTER.

PUBLIC HEALTH (TUBERCULOSIS) REGULATIONS, 1912.

Summary of Notifications received during the Year ending December 31st, 1914.

Age period	NUMBER OF CASES NOTIFIED ON FORMS A AND B.											NO. OF CASES NOTIFIED ON FORM C.		
	Under 1 year	1 to 5	5 to 10	10 to 15	15 to 20	20 to 25	25 to 35	35 to 45	45 to 55	55 to 65	65 and upwards	Totals	Poor Law Institutions	Sanatoria
Pulmonary Males	...	...	2	1	2	5	6	5	2	1	...	24	...	11
“ Females	...	...	...	1	1	5	3	5	3	1	...	19	2	13
Non-Pulmonary Males	1	...	2	2	1	...	1	...	...	1	...	8	...	1
“ Females	...	...	3	5	...	1	3	1	...	1	...	14	...	...
Totals	1	...	7	9	4	11	13	11	5	4	...	65	2	25

Annual Report of the Medical Officer of Health for the Year 1914.

For the Borough of Kidderminster, on the administration of the Factory
and Workshops Act, 1901, in connection with

FACTORIES, WORKSHOPS, LAUNDRIES, WORKPLACES and HOMEWORK

1.—Inspection.

PREMISES				Number of		
				Inspec- tions	Written Notices	Prosecu- tions
Factories (including Factory Laundries)	...			17	9	...
Workshops	"	"	"	209	32	...
Workplaces	"	"	"	98	2	...
Total	...	...	...	324	43	...

2.—Defects Found.

PARTICULARS	Number of Defects			Num-ber Prose-cutions
	Found	Remedied	Referred to H.M. Inspector	
<i>Nuisances under the Public Health Acts:</i>				
Want of Cleanliness ...	16	16		
Want of Ventilation ...	1	1		
Overcrowding ...	1	1		
Want of Drainage of Floors ...				
Other Nuisances ...				
Sanitary Accommodation { Insufficient ...				

CLASS	Number
Matters Notified to H.M. Inspector of Factories :—	
Failing to affix Abstract of the Factory and Workshop Act (s. 133)	
Action taken in matters referred by H.M. Inspectors as remediable under the Public Health Acts, but not under the Factory Act (s. 5) ...	<div> <div>Notified by H.M. Inspectors</div> <div>9</div> </div> <div> <div>Reports (of action taken) sent to H.M. Inspectors.</div> <div>9</div> </div>
Other	
Underground Bakehouses (s. 101) :—	
Certificates granted during the year	
In use at the end of the year	1
Workshops on the Register (s. 131) at the end of the year ...	196
Bakehouses under inspection	49
Total number of Workshops on Register ...	245

HOME WORK.

CLASS	Lists	Out-Workers	Number of Addresses of Outworkers forwarded to other Councils	No. of Inspections of Outworkers' Premises
<i>Outworkers' Lists, Section 107.</i>				
Lists received from Employers ... (Twice in the year)	11	16	1	32
Wearing Apparel :—				
1. Making, &c. ...	10	14		28
2. Cleaning and Washing ...				
Furniture and Upholstery ...	1	2		4
Totals	11	16	1	32

School Medical Officer's Report.

To the Medical Officer of Health, Kidderminster.

During the year 1914 the health of the school children on the whole has been satisfactory. Attendance has been good, and there has been an absence of serious epidemic disease.

Only one school has been closed for epidemic disease during the year, viz., Broadwaters' Infant School.

Scabies and Ringworm have continued to be troublesome, but, with the treatment of these cases at the School Clinic recovery has been much more rapid than in the past, and consequently there has been less interference with school attendance from these causes.

J. C. GRIFFITHS, M.D.

School Medical Officer.

Health Missioner's Report.

To the Medical Officer of Health.

Sir,

The following is a statement of work for 1914 :

634 births.

590 were visited.

823 supervision visits were paid.

209 were doctor's cases.

408 midwives only.

16 were born in the Union Infirmary.

10 cases were twins.

30 cases were still births.

463 were breast fed.

60 were fed on the bottle.

18 were fed on the breast and bottle.

188 mothers had work in addition to their housewifery duties.

157 of these worked in factories or mills.

55 deaths occurred.

16 were premature.

30 under one month.

19 under one week.

8 from congenital causes.

2 cases of Ophthalmia Neonatorum occurred in the district,
one quite slight.

There is still a good deal of attention needed to babies and young children's eyes, a great many young children having either sore eyes or slight (evidently) chronic discharges. There were thirty still births, and thirty deaths of babies under one month old. This seems a high mortality, and one wonders what is the cause. Has the incompetency of the women getting married anything to do with it? Girls leave school at 14 and go into factories. They pay anything from 5/- to 8/- per week; for which they are boarded, lodged, and have washing done either by their parents or in lodgings. A few, but very few, do some housework in their off time. Then they marry, and young married women have told me they could neither cook nor wash for their husband and home. Are these women capable either of feeding themselves properly or to have charge of a baby? And yet one cannot go into their homes and teach them, and many cannot leave their homes to attend classes once they are married. Girls now are taught some housewifery during school age up to 14 or 15, but would they not be more receptive and learn more from these teachers if these classes were carried on from school age to 21 years, when girls begin to think of marriage.

45 new tuberculosis cases were visited.
 231 supervision visits paid.
 6 cases of insanitary conditions were reported.

There is great difficulty in getting the people to realise that tuberculosis is infectious, and that every precaution should be taken with everything the patient uses ; that his washing should be done separately, and that all the utensils he uses for eating should be marked. Even where it is possible, families will not always arrange for patients to have a bed to themselves.

In cases where a patient is waiting for Sanatorium treatment, it would be a great help if patients might have the food supply allowed them. What they receive from the National Insurance is not enough to provide for a man and wife and one or two children, especially when the man begins with the 5/- benefit.

Believe me,

Yours faithfully,

E. A. DICKENSON.

School Nurse's Report.

The School Clinic was opened September, 1913. All cases treated there come under the direct supervision of the School Medical Officer, Dr. Griffiths, and the treatment carried out by the nurse is carried out under his instructions. She attends daily to treat those cases which are in need of frequent attention. The treatment is limited to common skin diseases, including Ringworm, Scabies and Impetigo, Minor External Diseases of the Eyes, Discharging Ears, and uncleanness associated with Pediculosis.

There are two baths, one reserved for Scabies, and a disinfectant or "vermin destroyer" used for disinfecting the clothes of children suffering from Scabies and Pediculosis Corporis. The average daily attendance is 20. 523 baths have been given during the year, including 79 sulphur. It was necessary to use the disinfectant for the clothes in several instances.

Number of cases treated during the year :

Burns	...	17
Eyes (Blepharitis, etc.)	...	59
Ears	...	30
Eczema	..	27
Impetigo	...	124
Septic Sores	...	46
Injuries	...	72
Miscellaneous	...	154
Pediculosis	...	49
Ringworm	...	57
Scabies	...	25
Baths	...	523
Total	...	1183

E. M. JONES,
School Nurse.

1914.

**Sanitary Inspector's
Report.**

Sanitary Inspector's Annual Report

FOR THE YEAR 1914.

GENTLEMEN,

I have much pleasure in submitting my Annual Report on the work done in my Department for the Year ending Dec. 31st, 1914.

Household Ashes and Refuse Collection.

Portable Receptacles emptied	...	159,466
Dry Ashpits emptied	...	2,743
Loads of Dry Refuse removed	...	5,970

Night Work.

Privies and Middens emptied	...	...	561
Loads of Nightsoil and contents of Pans removed	...	...	697

Refuse—how disposed of.

Carted to Canal Boat for Oldington Farm		4,393 loads
Carted to Franchise Street	...	... 495 „
Loads tipped at Foley Park	...	... 230 „
Loads tipped at Puxton	...	... 297 „
Loads tipped in Broadwaters Pool	...	... 305 „
Sundry tippings	...	... 949 „
Loads of Sewer Screenings tipped at Canal Basin	...	... 291 „
	Total	6,960

No. of Boat Loads of Refuse taken to Oldington	200
No. of Boat Loads of Street Sweepings taken to „	9

Old Scrap—Tins, etc.

We have received £4 19s. 9d. for Old Scrap, Metal Tins, etc., picked from the household refuse.

Disinfection.

Gallons of Fluid given away	...	460
Packets of Powder given away	...	1,431
Dwelling-houses disinfected	...	106
Schools disinfected	...	3
Public Vehicle disinfected	...	1
Cowshed disinfected	...	1

Cabstands.

The Cabstands are constantly flushed with the hose pipe, and disinfected. During the Summer they receive attention twice daily.

Court Sweeping.

The work has had constant attention during the year. The sweeper, when on his rounds, has opened with his plunger 50 drains and 306 water closets, which he found blocked.

Privies converted into Water Closets during 1914.

Section 36 Public Health Act 1875.

154 to 157, Hurcott Road	...	...	2
48, Findon Street	...	...	1
1, Hume Street	...	...	1
6, Franche	...	...	1
47 to 54, Spencer Street—four Pan Closets converted into four Water Closets.			

Insufficient Water Closet Accommodation.

Section 56 Public Health Act, 1875.

Additional Water Closets have been provided at the following properties during 1914 :—

167, Sutton Road	...	...	1
11, Oxford Street	...	...	1
57 to 60, Broad Street	...	...	1
48 to 54, Dudley Street	...	...	1
48 to 53, Queen Street	...	...	1
31 to 34, Clensmore Lane	...	...	1
41 and 42, Hurcott Road	...	...	1
Opera House, Comberton Hill	...	...	1
52 and 53 Findon Street and 13 George Street			2

Inspection of Canal Boats.

Number of Boats inspected ... 242

On the whole the cabins are kept clean and are not overcrowded.

Very few women and children are met with in boats passing through this district.

In 13 instances the boats were worked by a man and his wife only.

In 26 instances the boats had on board man, wife, and one or more children.

In 203 instances the boats were worked by men.

A readiness is always shown by the boat people to comply with the Local Government Board Regulations.

INFRINGEMENTS.

Cabins out of repair and leaking	...	...	1
Cabins require re-painting	...	...	5
Cabins require re-lettering and numbering		...	7
Overcrowding	...	...	2
No Certificate	...	...	2

No magisterial proceedings were taken during the year.

All the requirements have been complied with in response to circulars and letters.

Total boats on register	..	...	60
(a) No. of boats believed to be in use or available			58
(b) No. of boats that cannot be traced		...	2
Number of boats registered in 1914	...	...	0

No case of infectious disease occurred on any canal boat during the year.

Common Lodging Houses.

We have nine registered houses in the Borough, which houses have accommodation for 210 males and females.

I have no fault to find with the manner in which they are conducted, or in the matter of cleanliness, either as regards the houses or the bed-clothing.

During the autumn of this year, Dr. Fletcher, a Medical Inspector from the Local Government Board visited all the said houses, and informed me that the condition of them was above the average.

Two notices were served to obtain compliance with the bye-laws; other infringements of the bye-laws were attended to immediately on complaint verbally.

Premises	Authorised Number of Lodgers	Males or Females
23, Blackwell Street	18	Males and Females
24, Blackwell Street	14	Males and Females
25, Blackwell Street	22	Males
31, Blackwell Street	23	Males
32, Blackwell Street	16	Males and Females
4, Queen Street	22	Males and Females
5, Queen Street	20	Males
36, Dudley Street	29	Males
Hill House, Orchard Street	46	Males

Slaughterhouses.

Of the 24 slaughterhouses on the register, 22 are occupied and two unoccupied, all of which have been inspected at regular and irregular times.

The following infringements of the bye-laws were detected when visiting the slaughterhouses :—

Dirty Walls of Slaughterhouses	...	24
Floors and Walls out of repair	...	3
Defaced number plate	...	6
Pigs kept in Slaughterhouse	...	1
Cattle kept in Slaughterhouse	...	1
Notices to provide offal tins	...	12
Cards of Bye-laws supplied	...	6

Location of Slaughterhouses.

Locality			Licensed or Registered
Lion Square	...	...	Licensed
Rear of No. 13, Stourbridge Road		...	"
Rear of No. 139, Sutton Road	...	...	"
No. 145, Offmore Road	...	...	"
No. 17, Mill Street	...	...	"
Rear of the "Grapes" Inn, Worcester Street	...	...	"
Baxter Avenue	...	...	"
Peel Street	...	...	"
Peel Street	...	...	"
Rear of No. 23a, Horsefair	...	...	"
Rear of No. 5, Horsefair	...	...	"
Rear of No. 203, Sutton Road	...	...	"
No. 98, Blackwell Street	...	...	Registered
No. 59, Blackwell Street	...	...	"
Park Street	...	...	"
Rear of No. 20, Coventry Street	...	...	"
Rear of the "Angel" Inn, Worcester Street	...	...	"
No. 25, Horsefair	...	...	"
George Street	...	...	"
No. 26, High Street	...	...	"
No. 5, Swan Street	...	...	"
Park Lane	...	...	"
No. 74, Bewdley Road	...	...	"
No. 116, Blackwell Street	...	...	"

Factory and Workshop Act, 1901.

Six notices of the occupation of Workshops and nine notices of nuisances at workshops and factories have been received from H.M. Factory Inspectors during the year, all of which have received attention.

The total number of Workshops now on the register is 196.

The following is a list of the principal number of Workshops in the Borough :—

Dressmakers and Milliners	...	53
Boot and Shoe Makers	...	47
Tailors	...	9
Carpenters and Builders	...	26
Painters and Plumbers	...	11
Other Trades	...	50
Total		196

The number of notices served to secure compliance with regulations being nine.

Bakehouses.

We have 49 Bakehouses on the register, one of which is an underground bakehouse and two are factories, the whole of which are regularly inspected.

The bakehouses on the whole are well lighted and ventilated.

Notices served to secure compliance with regulations are as follows :—

Dirty Walls and Ceiling of Bakehouse	...	22
Floors Cleansed	...	4
New Ceiling put in	...	1
Other Nuisances abated	...	2

Cowsheds.

There are 26 Cowsheds in the Borough, all of which are regularly inspected.

One new brick cowshed has been erected in the extended Borough during the year, to accommodate 15 cows. This cowshed is well constructed, lighted, ventilated, and the floor laid with cement. This structure is certainly an up-to-date cowhouse, and should serve as a model to other cowkeepers who intend altering their existing cowsheds.

Another shed in the extended Borough I have cause to be repaired, repaved, drained and better lighted.

Notices served for Limewashing	...	11
Notice served for Dirty Floors	...	1
Notice served for Overcrowding	...	1
Notices served for Defective Floors	...	3

Purveyors of Milk.

Residents	...	...	53
Non-Residents	...	...	24
Registered during the year	...	...	7

The Dairies, Milkshops, and utensils are frequently inspected, and strict attention is paid to the cleanliness of the milk-vessels.

Each person applying for registration is supplied with a printed copy of the Regulations with respect to Dairies, Cowsheds, and Milkshops, which are in force in the Borough.

Offensive Trades.

Gut-Scraper	...	...	1
Tripe Boiler	...	...	3
Tallow Melter	...	...	1
Tanner	...	...	1
Hide and Skin Trades	...	...	2

Unsound Food.

During the year we have had 2 seizures and 19 surrenders of unsound food.

BEEF	2 carcasses, 842-lbs. weight,
PORK	23-lbs. weight,
MUTTON	4-lbs. weight.

ORGANS :

BOVINE	1 liver, 19-lbs.	PIGS	2 plucks and intestines, 25-lbs.
	1 lung, 10-lbs.	SHEEP	2 plucks, 5-lbs.

VARIOUS.

FISH	Cod, 8-lbs.	TINNED GOODS—	
	Kippers, 1 box.		Tomatoes, 7-tins.
FRUIT	Pears, 14-lbs.		Herrings, 7 tins.
	Apples, 5-lbs.		Crab Paste, 9 tins.
	Tomatoes, 19-lbs.		Apricots, 10 tins.
	Figs, 3-lbs.		Pineapple, 7 tins.
VEGETABLES—		EGGS	559.
	Onions, 172-lbs.	RABBITS	9.
	Lettuce, 14-lbs.	PIGEONS	3.
	Watercress, 3-lbs.	TURKEY	1.

The total weight being 1,166-lbs.

We continue to exercise a strict supervision over all meat and other foods stuffs. We encourage traders to let us know at once when food is sent to them, which they may have doubts about as to soundness. By so doing, they save themselves the risk of seizure of the food and prosecution; for when the doubtful food is proved to be unfit and is condemned, we give a certificate to the trader, to enable him to recover the purchase price from the dealer who supplied him.

Drain Testing.

Year	Drains tested by Smoke or Chemicals.	Found Defective	Drains repaired made sound or reconstructed.
1905	77	57	112
1906	80	53	70
1907	79	54	90
1908	51	46	86
1909	67	49	121
1910	48	31	134
1911	46	30	103
1912	40	29	29
1913	32	15	33
1914	24	14	30

Well Water.

Three well waters have been analysed during the year, and each have been certified as being unfit for drinking purposes. Town water has been laid on in two cases ; in the other case the well was cleansed and repaired, the water has since improved in quality.

Housing, Town Planning, etc., Act, 1909.

Number of Houses Inspected under Section 17	...	994
Number of Houses represented as being unfit for human habitation	... ..	9
Number of Closing Orders made by Local Authority	...	7
Number of Houses made fit after service of Closing Orders		35
Defects remedied after Closing Orders	...	120
Number of Houses, the defects in which were remedied without Closing Orders	... ..	421
Number of defects remedied without Closing Orders	...	1059
Orders to execute work under Section 15	... ..	0
Defects remedied under Section 15	... ..	0
Demolition Orders made by Local Authority	...	0
Demolition Orders complied with	... ..	0
*Voluntary Demolitions on advice of Local Authority	...	4
Closing Orders remaining uncomplied with on December 31st, 1914	... ..	6

*One house demolished without having a Closing Order served.

Houses Inspected during 1914.

Under the House Town Planning, etc., Act, 1909.

Name of Road	No. of Houses inspected	No. of Houses in which defects existed	Name of Road	No. of Houses Inspected	No. of Houses in which defects existed
Albert Road	49	9	Leswell Street	8	7
Baxter Avenue	5	0	Marlpool Lane	26	9
Blackwell Street	3	3	Mill Lane	12	10
Broad Street	92	40	Mount Pleasant	16	16
Broadwaters	6	6	Northumberland Avenue	10	4
Bromsgrove Street	6	6	Offmore Road	158	32
Charles Street	12	12	Orchard Street	19	9
Cherry Orchard	4	2	Park Lane	4	4
Churchfields	16	14	Park Street	136	48
Clensmore Street	28	7	Prospect Lane	4	0
Coventry Street	6	6	Radford Avenue	9	8
Crowther Street	2	2	Silver Hill	10	10
Duke Place	2	0	Silver Street	17	5
Duke Street	12	12	St. Mary's Street	2	0
East Street	8	8	St. John's Street	44	20
Farfield Street	14	12	Union Street	4	0
Findon Street	31	5	Waterloo Street	13	8
Franché	15	2	Woodfield Crescent	9	5
Franché Road	3	2	Worcester Street	22	11
George Street	85	32	Yew Tree Road	28	15
Lark Hill	39	17			
Leswell Lane	5	3		994	421

HOUSING, TOWN PLANNING, Etc., ACT, 1909.

Houses dealt with during the year 1914 for CLOSING ORDERS.

Houses and Localities	Action Taken
House rear of 30, Orchard Street	Closing Order served April 9th, 1914. House demolished.
90, Bewdley Road	Closing Order served June 4th, 1914. Notice served on occupier to quit June 24th, 1914. Notice served on owner that demolition of house will be considered.
1 House, Broadwaters Forge Cottages, Broadwaters	Closing Order served June 4th, 1914. Notice served on occupier to quit June 24th, 1914. Notice served on owner that demolition of house will be considered.
House rear of No. 78, Coventry Street	Closing Order served Nov. 19th, 1914. Notice served on Occupier to quit Dec. 30th, 1914.
House rear of No. 77, Coventry Street	Closing Order served Nov. 19th, 1914. Notice served on occupier to quit Dec. 30th, 1914.
1 House between St. John's Street and Crowther Street	Closing Order served Dec. 16th, 1914.
2 House between St. John's Street and Crowther Street	Closing Order served Dec. 16th, 1914.

HOUSING, TOWN PLANNING, Etc., ACT, 1909

Closing Orders not complied with on Dec. 31st, 1913,
and dealt with in 1914.

Houses and Localities	Action Taken.
Waterloo Street, Nos. 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32	Houses have been repaired and made fit for human habitation.
Back Queen Street. Nos. 40, 41, 42, 43, 44	Houses have been repaired and made fit for human habitation.
Back of Back Queen Street, Nos. 1, 2, 3, 4, 5	Houses have been repaired and made fit for human habitation.
Back Queen Street, Nos. 14 15, 16, 18	Houses have been repaired and made fit for human habitation.
Queen Street, Nos. 30, 32, 33 34	Houses have been repaired and made fit for human habitation.
Queen Street, 1 House rear of No. 49	House has been repaired and made fit for human habitation.
Queen Street, No. 3	House has been repaired and made fit for human habitation.
Stourbridge Road, No. 4, Sayce's Yard	House has been repaired and made fit for human habitation.
Queen Street, 1 and 2 Houses rear of No. 45	Houses demolished.
Queen Street, No. 27	House has been repaired and made fit for human habitation.
Queen Street, 1 House, 1 Court	House converted into a wash-house.
Hurcott Road, House rear of No. 300	House has been repaired and made fit for human habitation.

HOUSES DEMOLISHED.

House rear of 30, Orchard Street.
1 House, 1 Court, Blackwell Street,
1 House rear of No. 45, Queen Street.
2 House rear of No. 45 Queen Street.

Houses Voluntarily Closed after interviews with the Owners

1 House, 1 Court, Blackwell Street.
7 House, 1 Court, Worcester Street.

**Sanitary Improvements carried out as a result of
Inspections made and Notices served.**

Dwelling Houses.

Cleansed and Whitewashed	...	...	401
„ „ after Infectious Diseases	...	...	23
Roofs Repaired	...	...	51
Damp Proof Courses put in	...	...	41
Floors Re-paved or Repaired	...	...	53
Walls, Plaster Repaired or Renewed	...	...	32
New Gratings or Covers to Cellar Openings	...	...	7
Dilapidated Cellar Steps	...	...	1
Defective Dwelling-house Chimneys	...	...	12
External Walls Cemented or Tarred	...	...	16
New Windows put in	...	...	11
Windows made to open	...	...	583
New sash cords to windows provided	...	...	71
Pantries Lighted and Ventilated	...	...	10
Door Sills, Frames, etc., Repaired	...	...	14
Dry area provided	...	...	1
Houses provided with through Ventilation	...	...	18
Closet Troughs removed	...	...	9
Pantries filled to ground level and paved	...	...	12
Stairs Repaired	...	...	8
Bedroom Floors Repaired	...	...	7
Fire Grates Repaired	...	...	26
Cases of Overcrowding abated	...	...	10
Dirty Houses (tenants' neglect)	...	...	4
Ash Receptacles provided	...	...	268

Washhouses, Water Closets, etc.

Limewashed	...	...	886
Washhouse Floors repaired	...	...	15
Water Closet Floor repaired	...	...	1
Washhouse Roofs repaired	...	...	58
Water Closet Roofs repaired	...	...	9
Washing Furnaces repaired	...	...	26
Spouting provided and repaired	...	...	52
New Earthenware Sinks provided	...	...	28
Sink Waste Pipes provided and repaired	...	...	11
Dirty Premises (tenants' neglect)	...	...	75
General Dilapidations	...	...	42
Additional Washhouses provided	...	...	3
Houses converted into Washhouses	...	...	2
Brick Sink repaired	...	...	1

Drains, Water Closets and Urinals.

Obstructed Drains Cleansed	...	...	52
Drains repaired or reconstructed	...	...	30
New Inspection Chamber put in	...	...	1
New Intercepting Syphon put in	...	...	1
Broken Water Closet Pans renewed	...	...	16
Flushing Apparatus repaired	...	...	37
Additional Earthenware Gullies provided	...	...	20
Water Closet Seats repaired	...	...	9
Water Closets repaired or rebuilt	...	...	6
Additional Water Closets provided	...	...	10
Water Closets ventilated and lighted	...	...	5
Drains ventilated	...	...	2
Water Closets provided with flushing apparatus	...	...	23
Internal Soil Pipe removed	...	...	1
Bath Waste disconnected from drains	...	...	1
New Soil Pipe provided	...	...	1
Inside Water Closet reconstructed	...	...	1

Privies, Pan Closets and Ashpits.

Ashpits removed	...	...	46
Privies repaired	...	...	1
Privies Converted into Water Closets	...	...	5
Closet receptacles provided	...	...	11
Pan Closets converted into Water Closets	...	...	4
Privy converted into Pan Closet	...	...	1

Paving.

House Yards Paved	...	...	5
Yard Paving repaired	...	...	26
Paved Approaches to Outbuildings provided	...	...	16

Rain Water Spouting.

New Spouting provided	...	...	12
Spouting repaired	...	...	110
Short rain-water down Spouts lengthened	...	...	21
Rain-water Guttering repaired	...	...	2

Other Nuisances.

Pig Keeping Nuisances abated	...	...	3
Nuisances from other Animals abated	...	...	3
Fowl Keeping Nuisances abated	...	...	14
Accumulations of Refuse and Manure removed		...	7
Manure Pits erected	...	...	2
Pigstyes Cleansed	...	...	4
Stables Cleansed	...	...	5
Miscellaneous Nuisances	...	...	26

The New Milk Bill.

This Bill comes into operation on October 1st, 1915. The chief features of the enactment are as follows :

Prohibition of sale and supply of Tuberculous milk.

Extension of power to make orders respecting Milk and Dairies, *i.e.*, registration, inspection, infected milk, prohibition of colouring matter, cooling, conveyance and distribution of milk, labelling, marking, sealing, closing of churns and vessels, certified milk, and inspection of cattle.

Obligation to inspect Dairies in certain cases.

Powers to take samples of milk outside district.

Appointment of Veterinary Inspectors.

Regulations as to imported milk.

Establishment of milk depôts.

Government power to enforce local authorities to do their duty.

Compensation to Farmers for loss of trade caused by an order of the responsible authority.

Proceedings may be taken against the Purveyor of Milk and the consignor.

Table showing Results of the Analysis of 42 Samples of Milk.

The following Table, which is an interesting study, shows the constituents of each sample of milk submitted for analysis during the year 1914:—

Number of Sample	Total Solids	Fat	Non-fatty Solids	
Sale of Milk Regulations 1901	11.5	3.0	8.5	
347	11.45	2.85	8.60	5% deficient in cream.
348	11.45	3.34	8.11	
349	12.82	3.65	9.17	
350	12.58	3.75	8.83	
351	10.46	2.81	7.65	10% added water.
352	11.86	3.20	8.66	
353	12.58	3.80	8.78	
354	12.36	3.40	8.96	
355	12.52	3.40	9.12	
356	12.14	3.0	9.14	
357	12.60	3.45	9.15	
358	12.18	3.10	9.08	
359	11.90	3.30	8.60	
375	11.98	3.45	8.53	
376	10.74	1.73	9.01	
377	11.56	2.66	8.90	42% deficient in cream. 11% deficient in cream. "Skimmed."
378	10.18	1.60	8.58	
379	12.46	3.45	9.01	
380	12.10	3.30	8.80	
381	12.06	3.25	8.81	
382	11.84	3.0	8.84	
383	12.18	3.15	9.03	
384	12.24	3.65	8.59	
385	12.40	3.70	8.70	
386	11.80	3.05	8.75	
387	12.59	3.84	8.75	
388	11.64	3.20	8.44	
389	12.77	3.77	9.0	
390	12.17	3.55	8.62	
391	12.17	3.42	8.75	
392	11.94	3.10	8.84	
393	12.58	4.45	8.13	
394	12.86	4.20	8.66	
395	12.72	3.65	9.07	
396	12.16	3.35	8.81	
397	13.12	4.25	8.87	
398	12.60	3.80	8.80	
399	12.58	3.95	8.63	
400	12.88	3.95	8.93	
501	12.60	3.75	8.85	
502	11.80	3.35	8.45	
503	12.62	3.75	8.87	

Sale of Food and Drugs Acts, 1875 to 1907.

Samples taken during the year 1914, and results.

Informal Samples	Formal Samples	Articles	Genuine	Adulter- ated	Extent of Adulteration (if any)	Result
	37	Milk	37			
1		Milk	1			
1		Milk		1	42% deficient in cream	
	1	Milk		1	11% deficient in cream	Fined 10/- and costs Total £2 1s. 0d.
	1	Milk		1	10% of added water	Fined £4 and costs. Total £5 18s. 6d.
	1	Milk		1	5% deficient in cream	Cautioned.
	5	Butter	5			
	1	Dripping	1			
	1	Custard Powder	1			
	2	Self-Raising Flour	2			
	1	Cocoa	1			
	2	Vinegar	2			
	1	Pepper	1			
	1	Irish Whiskey	1			
	1	Rum		1	29·2 U.P.	Appeared before Health Committee and was cautioned
	1	Rum		1	26·2 U.P.	Appeared before Health Committee and was cautioned
	1	Rum	1			

Total Number of Samples ... 59

Informal Samples of Spirits tested by Sike's Hydrometer ... 16
The strengths varied from 21·2 U.P. to 42·4 U.P.

For the year 1913 the strengths varied from 16·0 U.P. to 25·0 U.P.

Under Section 7 of Sale of Food and Drugs Act, 1899, it is incumbent upon all manufacturers and wholesale dealers in Margarine and Margarine Cheese to be registered by the Council. There has been one addition to the register during the year 1914, the number of persons on the register being 14.

Magisterial Proceedings during the Year 1914.

NATURE OF OFFENCE	RESULT
Defective Yard and closet drain pipes.	Dismissed.
Having a diseased carcase of Beef on Slaughterhouse premises.	Fined £5 and costs, Total £7 8s. 6d.
Milk containing 10% of added water.	Fined £4 and costs, Total £5 18s. 6d.
Milk 11% deficient in cream.	Fined 10/- and costs, Total £2 1s. 0d.
Non-removal of Offal from Slaughterhouse.	Fined £1 and costs, Fined 10/- and costs, Total for both cases, £2 14s. 6d.
Keeping Sheep in Slaughterhouse.	
Failing to cleanse and whitewash houses	Adjourned for one month for defendant to do work.
Keeping pigs within 60 feet of a dwelling house.	Fined 10/- and costs, Total 17s. 6d.

METEOROLOGICAL REPORT

FOR THE YEAR ENDING DECEMBER 31ST, 1914.

From Observations taken at 9 a.m. daily.

METEOROLOGICAL STATION, BRINTON PARK.

Height above Sea Level, 159 feet.

Months	Baro- meter	Temperature			Humidity	Wind
1914	Mean	Mean Max.	Mean Min.	Mean	Average Humidity	Prevailing dir- ection at 9 a.m.
January	30.28	43.4	32.9	37.9	91	SW, E, NE.
February	29.78	50.5	35.5	42.9	90	SSE, SE, SW.
March	29.66	50.3	35.2	42.0	88	SW, W, SSE.
April	30.17	60.4	36.7	47.1	71	SW, W, SSW.
May	30.20	60.5	39.9	48.1	76	SW, NW, NE.
June	30.12	68.3	47.2	55.9	81	N, W, NE.
July	29.92	72.6	51.4	58.2	86	SE, NW, SW.
August	30.09	70.3	49.1	57.5	89	S, SE, SW.
September	30.15	66.0	44.1	53.3	80	SW, NW SSE.
October	30.13	57.6	42.6	49.2	89	NW, NE, W.
November	29.98	50.3	34.8	42.6	93	SW, NE, S.
December	29.64	44.8	32.7	39.0	92	SW, S, NW.

RAINFALL

for the Year ending December 31st, 1914.

Rain Gauge—Height on Top of Ground, One Foot.

LOCATION—THE BRINTON PARK.

		Total Depth	Greatest Rainfall in 24 hours		No. of days on which ·01" or more rain fell
		Inches	Depth	Date	
1914					
January	...	·75	·21	9th	11
February	...	1·54	·33	21st	14
March	...	1·97	·31	7th	23
April	...	·82	·28	9th	9
May	...	·98	·16	3rd	14
June	...	2·29	1·08	9th	12
July	...	3·92	·78	19th	19
August	...	1·50	·31	25th	13
September	...	·80	·28	11th	10
October	...	1·28	·31	25th	14
November	...	2·76	·39	30th	20
December	...	5·45	·76	28th	24
Totals	...	24·06	1·08	June 9th	183

TOTAL RAINFALL.

1905	...	19·53	1910	...	27·27
1906	...	21·81	1911	...	18·46
1907	...	22·78	1912	...	32·50
1908	...	21·84	1913	...	26·98
1909	...	22·88	1914	...	24·06

Average Rainfall for past 10 years ... 23·81

Preliminary Notices served	...	...	672
Statutory Notices served	...	...	69
Notices to provide Portable Ash Receptacles	...	...	126
Notices to Cleanse and Whitewash Houses	...	...	144
Notices to provide proper Water Spouting	...	...	67
Threatening Notices served	...	...	87
Notices to School Medical Officer	...	...	54
Notices to Head Teachers	...	...	71
Notices to Parents	...	...	57
Certificates granted for children to attend School	...	...	20

Stray Dogs.

Twenty-seven carcasses of dogs have been handed over to us by the Police for destruction.

The Thresh Steam Disinfector.

379 Articles of Clothing and Bedding have been disinfected.

Bedding	...	...	145 Articles.
Clothing	...	...	234 „

Mortuary.

Five bodies were received into the Public Mortuary during the year.

Remarks.

I have to thank your Committee for the support they have given me in the work of my department during the year, and wish to commend my Assistant, Mr. H. J. Parker, for the willing and intelligent interest he takes in his work.

I am, Mr. Chairman and Gentlemen,

Your obedient Servant,

JOHN T. COWDEROY,

Sanitary Inspector.

*To the Chairman, Vice-Chairman and
Members of the Health Committee.*

